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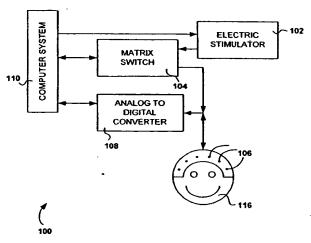
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(54) Title: ARRANGEMENT AND METHOD FOR DETECTING ABNORMALITIES AND INCONSISTENCIES IN A BODY



(57) Abstract: A system for detecting abnormalities or inconsistencies and a method to utilize the same are provided. In particular, a computer system may be adapted to detect the abnormality or inconsistency within at least a portion of a subject by generating internal impedance data which indicates that an impedance change within the portion of the subject has occurred. For example, the impedance change may be associated with a change in at least one characteristic of a blood vessel within the subject (such as a change in a fluid flow rate within at least a portion of the subject), a change in a fluid volume within at least a portion of the subject, etc. The impedance change also may be associated with the presence of a foreign object within the portion of the subject. In an exemplary embodiment, it is possible to detect the abnormality or inconsistency within the subject by generating a continuous, real time internal impedance map indicating the impedance change within the subject. Alternatively, the abnormality or inconsistency may be detected within the subject by generating a plurality of static internal impedance maps which indicate that the impedance change within the subject has occurred.

